**Trimming Cables**

Young Seryozha is the junior IT at the trendiest coworking space (Campus V, V stands for Vladivostok), and he's been assigned an incredibly tedious task. He has to trim all the cables hanging from the ceiling in the server room, and he just can't find the inner strength to begin.

So, to brighten up his day (and waste a little time), he decides to trim those cables by following specific rules: he identifies the shortest cable and then trims all the cables exactly as much as the shortest's length. This process is repeated until all cables are leveled with the ceiling. Meanwhile, he counts the number of trims performed, and at the end of the day, he will log this number into JIRA.

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3 trims 1 trim 0 trims (total 4 trims performed)

**Input**

Exactly one line:

* the cables (numbers separated by a space)

**Output**

Exactly one line:

* the number of trims performed

**Constraints**

* 0 < total cables < 2000
* 0 < cable length < 500

**Sample tests**

**Input**

2 6 2

**Output**

4

**Input**

3 1 2

**Output**

6